

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of :

Kazuo SUTO :

Serial No. [NEW] :

Filed: December 1, 2003 :

For: MODULATOR

**INFORMATION DISCLOSURE STATEMENT**  
**(SUBMISSION IN CONTINUATION-IN-PART OR**  
**RULE 1.53(b) CONTINUATION OR DIVISIONAL APPLICATION)**

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop Patent Application  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, VA 22202

Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, applicant(s) hereby submit(s) an Information Disclosure Statement for consideration by the Examiner.

**I. LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION**

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449 form(s), attached hereto.

**II. REFERENCES PREVIOUSLY CITED OR SUBMITTED**

Pursuant to 37 C.F.R. § 1.98(d), consideration of information listed on the PTO-1449 form(s) is requested since any patents, publications or other information which are listed on the PTO-1449 form(s) but for which copies are not enclosed herewith, were previously cited by or submitted to the PTO in one of the following applications which has been relied upon for an earlier filing date under 35 U.S.C. § 120:

U.S. Serial Number  
10/053,897

U.S. Filing Date  
January 24, 2002

III. FEES

This Information Disclosure Statement is being filed within three (3) months of the filing of the present application and/or prior to the issuance of a first action on the merits; therefore, no fee is required.

If the Examiner has any questions concerning this IDS or requires a copy of any of the references cited but not provided, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition if necessary) and charge the appropriate fee to Deposit Account No. 50-0238.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 50-0238 for any additional fee required under 37 C.F.R. §§ 1.16 or 1.17; particularly, extension of time fees.

Respectfully submitted,

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Dated: December 1, 2003

**INFORMATION DISCLOSURE CITATION**
*(Use several sheets if necessary)*

ATTY DOCKET NO.

OKI.486C

SERIAL NO.

NEW

Kazuo SUTO

FILING

December 1, 2003

GROUP

To Be Assigned

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	4,510,465	04/1985	RICE et al.			
	B	4,994,768	02/1991	SHEPHERD et al.			
	C	6,476,684	11/2002	PARK			

**FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
	D	11-068719	03/09/1999	JAPAN				
	E	6 (1994)-6597	02/16/1994	JAPAN				
	F	3 (1991)-54426	12/02/1991	JAPAN				
	G	2 (1990)-36215	03/08/1990	JAPAN				
	H	06-276022	09/30/1994	JAPAN				

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
I		62 (1987)-2813	01/22/1997	JAPAN				

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.